

# KEMPSTON URBAN DISTRICT COUNCIL.

## Report of the Medical Officer of Health

FOR THE YEAR 1900.

GENTLEMEN,

I beg to lay before you my report for the year 1900.

*Population of the District.*—The population of the district is estimated at 4,450.

*Birth Rate.*—The births registered for the year number 140, giving a birth rate of 31·4 per 1,000, against 28·7 per 1,000 in 1899.

*Death Rate.*—The deaths registered for the year number 75, giving a death rate of 16·8 per 1,000, against 15·9 per 1,000 in 1899.

*Infant Mortality.*—The deaths of infants under one year have been 27, being at the rate of 6 per 1,000 and equal to a proportion of 192 per 1,000 births.

*Zymotic Death Rate per 1,000.*—3·1 per 1,000. Four of the deaths under this heading occurred from measles, one from scarlet fever, 2 from whooping cough, 4 from diphtheria, and 3 from diarrhœa.

*Death Rate from Phthisis.*—1·3 per 1,000.

*Death Rate from Respiratory Diseases.*—2·9 per 1,000.

*Deaths over 65, per centage of total deaths.*—18·6.

*Prevalence of Disease.*—Fifty certificates were received under the Infectious Diseases (Notification) Act, during the year as follows :—

Diphtheria .....	45
Scarlet Fever .....	5

Of the diphtheria cases, 33 occurred in a school on the confines of the District. The school has an Isolation Hospital of its own. The other cases occurred in all parts of the district. Careful enquires failed to discover any common source of Infection. It is noteworthy that the disease originated during the late mild and foggy weather. Antitoxin is supplied by the Council, and at the beginning of the outbreak was used without delay; the results as regards the local condition were good. In my experience, however, it does not seem to lessen the risk of sudden cardiac failure afterwards.

The want of an Isolation Hospital has been much felt. At the Council's request I have made attempts to procure a cottage in the neighbourhood, which could be at once used for isolation purposes, but so far I have not been able to find a house suitable.

*Drainage and Water Supply.*—The scavenging staff and appliances have been still further increased during the past year, and the work is being systematically carried out.

The water supply is still derived from the sources mentioned in my previous reports. In this connection it may, however, be interesting to add, that for two years not a single case of Enteric Fever has occurred in the district.

*General and House Sanitation.*—Mr. Inskip, Sanitary Inspector, has handed me the accompanying returns :—The district is under my daily supervision. Several streets have

been made and supplied with surface drains during the year. No case of overcrowding has been reported and no house has been closed as unfit for habitation.

I have the honour to be, Gentlemen,

Your obedient servant,

GEORGE BUTTERS, M.B., C.M.,

*Medical Officer of Health.*

14/2/01.

### Annual Report of the Sanitary Inspector.

Return of Nuisances and other matters dealt with during the year 1900 :—

Houses without a proper receptacle to privy, or having a defective closet	...	...	...	9
Wells requiring cleansing and repairing	...	...	...	6
Defective cesspools	...	...	...	11
Defective or insufficient drains	...	...	...	13
Sundry requirements such as new gully tops, gratings, etc.	...	...	...	5
Spouting required to buildings	...	...	...	10
Defective pigstyes	...	...	...	2
Defective ashpits	...	...	...	8
New closet pails provided after notice	...	...	...	63
Disinfectants supplied, etc.	...	...	...	9
Accumulation of offensive matter	...	...	...	1
Houses in a dilapidated state	...	...	...	3

Total ... .. 140

Total last year (with pails) ... .. 139

Bakehouses inspected	...	...	...	8
Whitewashing and repairs executed after notice	...	...	...	4
Slaughterhouses inspected	...	...	...	6
Whitewashing and repairs executed after notice	...	...	...	6
No. of persons registered under the Dairies, Cowsheds, and Milkshops Order of 1885	...	...	...	10

During the year two extra men have been employed to assist with the scavenging, through the district increasing in population, and in consequence of the place for the disposal of refuse having been moved to a spot further out of the village, thus taking up more time in emptying.

The staff of men employed at present is only sufficient to keep up with the existing needs of the district.

The average number of pails, etc., emptied weekly is now as follows :—

Closet pails	...	...	...	750
Cesspools	...	...	...	22
Ashpits and dustboxes	...	...	...	350

As against 690 closet pails, 17 cesspools, 56 ashpits in 1899.

E. H. C. INSKIP,  
*Inspector.*



TABLE I.—FOR WHOLE DISTRICT.

YEAR.	Popula- tion estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE.		DEATHS AT ALL AGES. TOTAL.	
		Number.	Rate.	Number.	Rate per 1,000 Births registered	Number.	Rate.
1	2	3	4	5	6	7	8
1897.	4000	132	33	21	159	53	13.25
1898.	4000	149	37.2	19	127	55	13.7
1899.	4450	128	28.7	20	156	71	15.9
Averages for years 1897—1899	4150	136.3	32.9	20	147.3	59.6	14.2
1900.	4450	140	31.4	27	192	75	16.8

Area of District in acres (exclusive of area covered by water).—1,204.

TABLE II.

YEAR.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.
	a.	b.	c.	d.
1897 ...	4000	132	53	21
1898 ...	4000	149	55	19
1899 ...	4450	128	71	20
Averages of Years 1897 to 199.	4150	136.3	59.6	20
1900 ...	4450	140	75	27

TABLE III.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1900.

NOTIFIABLE DISEASE.	AT ALL AGES.
Diphtheria ... ..	45
Scarlet fever ... ..	5
Total ... ..	50

TABLE IV.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1900.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.						
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
Measles .....	4	1	3				
Scarlet fever .....	1	1					
Whooping-cough .....	2	1	1				
Diphtheria and mem- branous croup .....	4		2	2			
Epidemic influenza ...	2					2	
Diarrhœa .....	3	3					
Phthisis .....	6				1	4	1
Other tubercular diseases .....	4			1		2	1
Bronchitis .....	9	4	2	1			2
Pneumonia.....	1					1	
Pleurisy .....	1			1			
Other diseases of res- piratory organs.....	2	1				1	
Premature birth.....	4	4					
Heart diseases .....	5					3	2
Accidents .....	2		1				1
All other causes .....	25	12		1	1	4	7
All causes.....	75	27	9	6	2	17	14

KEMPSTON

## Urban District Council



### Report

OF THE

*MEDICAL OFFICER*

FOR THE YEAR

1900.